IDEM's Surface Water Quality Assessment Program

Special Studies Sampling Program

Program Objective

The objective of this program is to provide sampling support for various program areas within the Indiana Department of Environmental Management. Sampling is conducted for NPDES Permit functions, compliance issues, TMDL modeling, 319 Projects, etc. Sampling is normally conducted according to Survey's Section Standard Operating Procedures unless extenuating circumstances require some deviation. Sample analyses are conducted by contract laboratories or by the Indiana State Department of Health Laboratories. Test results are subjected to Assessment Branch Quality Assurance/Quality Control procedures and stored in the Assessment Information Management System database.

Program Participants

This program is operated through the sampling efforts of the Survey Section of the Indiana Department of Environmental Management's Office of Water Quality (OWQ) at the Assessment Branch. Laboratory analyses are performed at contract laboratories or at the Indiana State Department of Health (ISDH) Laboratory.

Program Description

Media:	Surface Water: rivers, streams and lakes
Study Area:	Statewide
Site Selection Type:	As required by the survey
Sampling Sites:	As required by the survey
Sampling Frequency:	As required by the survey
Data Collected:	As required by the survey

Program Product(s)

< Data is furnished to the requesting program area and is available for general distribution through the AIMS database

< Data available in the AIMS database (IDEM Assessment Branch) and
U.S. EPA **STORET** database

Technical Notes

Parameters vary for each site but may include any or all of the following list:

Water Chemistry Parameters			
Priority Metals	**Secondary Metals**	**Anions Physical**	**Others**
Arsenic	Calcium	Alkalinity	TKN
Cadmium	Iron	Total Solids	Ammonia
Chromium	Magnesium	Suspended Solids	Nitrate-Nitrite
Chromium (Cr^{+6})	Manganese	Dissolved Solids	Total Phosphorus
Copper	Sodium	Fluoride	TOC
Lead	Dissolved Iron	Sulfate	Cyanide
Selenium	Dissolved Manganese	Chloride	BOD
Nickel	Dissolved Copper	Hardness	COD
Zinc	Dissolved Lead	Dissolved Oxygen	*E. coli*
Barium	Dissolved Zinc	pH	Dissolved reactive silica
Silver		Specific Conductance	
			Radionuclides
			Pesticides
			Flow measurement

Contact Information

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IDEM Information: (317) 232-8603 or 800-451-6027 800-743-3333(TDD) toll-free for Indiana residents www.IN.gov/idem/water/ **Report Environmental Emergencies**: (888) 233-7745 **Confidential Technical Assistance:** (800) 988-7901 **Pollution Complaint:** www.IN.gov/idem/pollutioncomplaints/ **Questions and Comments:** www.IN.gov/idem/contact/questions.html	***For More Information on IDEM's Office of Water Quality…*** **Assessment Branch** (Surface water quality monitoring: rivers and streams, lakes, water quality standards) Shadeland Office, Indianapolis (317) 308-3173 **Compliance Branch** (Compliance and inspections, data and information services, wastewater certification and continuing education) Indiana Government Center North, Indianapolis (317) 233-2545 **Drinking Water Branch** (Public water supply supervision and ground water protection) Shadeland Office, Indianapolis (317) 308-3308 **Permitting Branch** (Facilities Construction & Engineering Support, Industrial & municipal permits, modeling, and wet weather) Indiana Government Center North, Indianapolis (317) 232-8760 **Watershed Planning Branch** (Rules development, wetlands, TMDL, watershed management) Indiana Government Center North, Indianapolis (317) 233-8488